

MULTIPLE-ARM PEPTIDE COMPOUNDS, METHODS OF
MANUFACTURE AND USE IN THERAPY

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ABSTRACT OF THE DISCLOSURE

The present invention concerns compositions of matter, pharmaceutical compositions and method to produce multiple arm peptides - substrate (MAP-S) as composites having molecules covalently bonded thereto which exhibit enhanced cell adhesion, attachment, proliferation and the like in vivo. The composites MAP-S described herein as compositions and implants improve and accelerate the healing process and tissue implant integration for vascular and soft tissue, joint, bone and combinations thereof.